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=> file registry
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SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

COST IN U.S. DOLLARS
FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 23 JUL 2003 HIGHEST RN 553610-78-9 DICTIONARY FILE UPDATES: 23 JUL 2003 HIGHEST RN 553610-78-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Uploading 9777920.str

L1 STRUCTURE UPLOADED

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DL1 IS NOT A RECOGNIZED COMMAND
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For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l1 L1 HAS NO ANSWERS L1 STR

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=> s.11

SAMPLE SEARCH INITIATED 13:49:16 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 81 TO ITERATE

100.0% PROCESSED **81 ITERATIONS** 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1081 TO

2159 PROJECTED ANSWERS: 0 TO

0 SEA SSS SAM L1

=> s l1 ful

L2

FULL SEARCH INITIATED 13:49:21 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED -1818 TO ITERATE

100.0% PROCESSED 1818 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

L3 8 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS SINCE FILE TOTAL

> ENTRY SESSION

FULL ESTIMATED COST 148.15 148.36

FILE 'CAPLUS' ENTERED AT 13:49:25 ON 24 JUL 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 24 Jul 2003 VOL 139 ISS 4 FILE LAST UPDATED: 23 Jul 2003 (20030723/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 5 L3

=> d abs bib hitstr 1-5

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN GI

AB Title compds. B-NHCONH-L-(M-L1)q (I) [B = (un) substituted pyridyl, quinolinyl, isoquinolinyl; L = 5 or 6 membered cyclic structure; L1 = substituted cyclic moiety having at least 5 members; M = bridging group having at least one atom; q = 1-3; with proviso that L and L1 contain 0-4 hetero atoms, e.g., N, O and S] and their pharmaceutically acceptable salts were prepd. For example, coupling of aniline II, e.g., prepd. from Et 3-hydroxybenzoate in 4-steps, with bis(trichloromethyl)carbonate followed by 3-tert-butylaniline afforded urea III. In in vitro raf kinase assays, 112-specific examples of compds. I inhibited kinase activity with IC50 values ranging from 10 nM-10 .mu.M. Compds. I are useful for the treatment of cancerous cell growth mediated by raf kinase.

AN 2002:850357 CAPLUS

DN 137:352907

TI Preparation of quinolyl, isoquinolyl or pyridyl-ureas as inhibitors of raf kinase for the treatment of tumors and/or cancerous cell growth

IN Dumas, Jacques; Riedl, Bernd; Khire, Uday; Wood, Jill E.; Robert, Sibley
N.; Monahan, Mary-Katherine; Renick, Joel; Gunn, David E.; Lowinger,
Timothy B.; Scott, William J.; Smith, Roger A.

PA Bayer Corporation, USA

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SO
     U.S. Pat. Appl. Publ., 63 pp., Cont.-in-part of U.S. Ser. No. 758,548.
     CODEN: USXXCO
DТ
     Patent
LA
     English
FAN.CNT 3
                            DATE
                                            APPLICATION NO.
     PATENT NO.
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     432050-22-1P 432050-23-2P 432050-24-3P
IT
     432050-27-6P 432050-28-7P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (drug candidate; prepn. of quinolyl, isoquinolyl or pyridyl-ureas as
        inhibitors of raf kinase)
     432050-22-1 CAPLUS
RN
     2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin
CN
     o]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)
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RN 432050-23-2 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-24-3 CAPLUS

CN 2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin o]phenoxy]- (9CI) (CA INDEX NAME)

RN 432050-27-6 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 432050-28-7 CAPLUS

CN Benzamide, 2-methoxy-5-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AB Title compds. A-D-B (I) [D = NHCONH; A = (un)substituted t-butylpyridyl, etc.; B = (un)substituted bridged cyclic structure, etc.] and analogs were prepd. For instance, 4-tert-butyl-2-aminopyridine was coupled to 4-(4-pyridylmethyl)aniline (CH2Cl2, CDI, 0.degree.) to give N-(4-tert-butylpyridyl)-N'-[4-(4-pyridinylmethyl)phenyl]urea as a white solid. Example compds. had IC50 between 10nM and 10.mu.M for raf kinase. I are useful for the treatment of cancerous cell growth mediated by raf kinase.

AN 2002:832761 CAPLUS

DN 137:337791

TI Preparation of quinolyl, isoquinolyl or pyridyl-ureas as inhibitors of raf kinase

IN Dumas, Jacques; Riedl, Bernd; Khire, Uday; Sibley, Robert N.;
Hatoum-Mokdad, Holia; Monahan, Mary-Katherine; Gunn, David E.; Lowinger,
Timothy B.; Scott, William J.; Smith, Roger A.; Wood, Jill E.

PA Bayer Corporation, USA

SO PCT Int. Appl., 65 pp. CODEN: PIXXD2 DT Patent LΑ English FAN.CNT 1 PATENT NO. KIND DATE ----WO 2002085857 PΙ A2 20021031 WO 2002085857 **A**3 20030116

APPLICATION NO. DATE

WO 2002-US12066 20020418

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PRAI US 2001-838285 A 20010420

OS MARPAT 137:337791

IT 432050-22-1P 432050-48-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of quinolyl, isoquinolyl or pyridyl-ureas as inhibitors of raf kinase)

RN 432050-22-1 CAPLUS

CN 2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin o]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-48-1 CAPLUS

CN Urea, N-(2-methoxy-3-quinolinyl)-N'-[4-(4-pyridinyloxy)phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN GI

CMe 3

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NHMe
       Η
            Η
                                          ΙI
AB
     Title compds., e.g., RNHCONHZOR1 [I; R = C6H4(CMe3)-3,
     2-methoxy-5-trifluoromethylphenyl, 4-chloro-3-trifluoromethylphenyl,
     2-methoxy-3-quinolyl, etc.; R1 = (un)substituted acylphenyl,
     -acylpyridinyl, etc.; Z = (un)substituted 1,3- or -1,4-phenylene] were
     prepd. Thus, 4-(H2N)C6H4OC6H4(CONHMe)-4 (prepn. given) was condensed with
     3-(Me3C)C6H4NH2 and CO(OCCl3)2 to give title compd. II. Data for biol.
     activity of title compds. were given.
AN
     2002:615574 CAPLUS
DN
     137:169425
ΤI
     Preparation of N-aryl-N'-[(acylphenoxy)phenyl]ureas as raf kinase
     inhibitors
     Dumas, Jacques; Riedl, Bernd; Khire, Uday; Wood, Jill E.; Sibley, Robert
IN
     N.; Monahan, Mary-Katherine; Renick, Joel; Gunn, David E.; Lowinger,
     Timothy B.; Scott, William J.; Smith, Roger A.
PA
     Bayer Corporation, USA
     PCT Int. Appl., 125 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LΑ
     English
FAN.CNT 3
     PATENT NO.
                      KIND
                            DATE
                                            APPLICATION NO.
                                                             DATE
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     MARPAT 137:169425
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     432050-22-1P 432050-23-2P 432050-24-3P
     432050-27-6P 432050-28-7P 432050-53-8P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
     (Uses)
        (prepn. of N-aryl-N'-[(acylphenoxy)phenyl]ureas as raf kinase
        inhibitors)
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432050-22-1 CAPLUS

RN

CN 2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin o]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-23-2 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-24-3 CAPLUS

CN 2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin o]phenoxy]- (9CI) (CA INDEX NAME)

RN 432050-27-6 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 432050-28-7 CAPLUS

CN Benzamide, 2-methoxy-5-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-53-8 CAPLUS

CN Urea, N-[4-[(2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)oxy]phenyl]-N'-(2-methoxy-3-quinolinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

This invention relates to the use of a group of heteroaryl ureas (I; for example, N-(2-methoxy-3-quinolyl)-N'-[4-[3-(N-methylcarbamoyl)phenoxy]phenyl]urea) contg. N in treating p38 mediated diseases, and pharmaceutical compns. for use in such therapy. I is A-NHC(0)NH-B or a pharmaceutically acceptable salt thereof, wherein A is a substituted or unsubstituted pyridyl, quinolinyl or isoquinolinyl group, B is a substituted or unsubstituted, up to tricyclic aryl or heteroaryl moiety of up to 50 C atoms with a cyclic structure bound directly to N, contg. at least 5 cyclic members with 0-4 members of groups consisting of N, O and S. Information about the substituents for A and B are given in the claims. Although the methods of prepn. are not claimed, 37 example prepns. are included as well as examples of prepn. of intermediates. No pharmacol. data is included.

AN 2002:409267 CAPLUS

DN 137:6098

TI Heteroaryl ureas containing nitrogen hetero-atoms as p38 kinase inhibitors

IN Dumas, Jacques; Riedl, Bernd; Khire, Uday; Sibley, Robert N.;
Hatoum-Mokdad, Holia; Monahan, Mary-katherine; Gunn, David E.; Lowinger,
Timotthy B.; Scott, William J.; Smith, Roger A.; Wood, Jill E.

PA Bayer Corporation, USA

SO U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U.S. Ser. No. 778,039. CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.				KI	ND	DATE			APPLICATION NO.				ο.	DATE			
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     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
     (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
        (prepn. of heteroaryl ureas contq. nitrogen hetero-atoms as p38 kinase
        inhibitors)
RN
     432050-22-1 CAPLUS
CN
     2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin
     o]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)
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RN 432050-23-2 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-24-3 CAPLUS

CN 2-Pyridinecarboxamide, 4-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amin o]phenoxy]- (9CI) (CA INDEX NAME)

RN 432050-27-6 CAPLUS

CN Benzamide, 3-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

RN 432050-28-7 CAPLUS

CN Benzamide, 2-methoxy-5-[4-[[[(2-methoxy-3-quinolinyl)amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)

RN 432050-48-1 CAPLUS

CN Urea, N-(2-methoxy-3-quinolinyl)-N'-[4-(4-pyridinyloxy)phenyl]- (9CI) (CA INDEX NAME)

RN 432050-53-8 CAPLUS

CN Urea, N-[4-[(2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl)oxy]phenyl]-N'-(2-methoxy-3-quinolinyl)- (9CI) (CA INDEX NAME)

L4ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN GΙ

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
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AB The title compds. [I; Z = O, S; R1 = alkyl, alkenyl, alkoxy, etc.; R2-R6 = alkyl, alkenyl, alkoxy, etc.; adjacent pair of R2-R6 together with the carbon atoms to which they are attached form (un) substituted carbocyclyl, heterocyclyl; R7 = alkyl, alkenyl, alkoxy, etc.; n = 0-3] and their pharmaceutically acceptable salts which are non-peptide antagonists of human orexin receptors, in particular orexin-1 receptors, were prepd. E.g., treatment of 4-amino-2-methylquinoline with carbonyl diimidazole in CH2Cl2 followed by addn. of 6-amino-2-methylbenzoxazole afforded II which showed pKb > 6.0 against orexin-1 receptor. In particular, compds. I are of potential use in the treatment of obesity including obesity obsd. in Type 2 (non-insulin-dependent) diabetes patients and/or sleep disorders.

2000:573791 CAPLUS ΔN

133:164009 DN

TI Preparation of phenyl ureas and thioureas as orexin receptor antagonists

Coulton, Steven; Johns, Amanda; Porter, Roderick Alan IN

Smithkline Beecham Plc, UK PΑ

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DTPatent

LΑ English

FAN.CNT 1

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PATENT NO.
                     KIND DATE
                                          APPLICATION NO.
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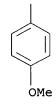
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of Ph ureas and thioureas as orexin receptor antagonists)

288151-08-6 CAPLUS

CN Benzoic acid, 5-[[[(8-fluoro-2-methyl-4-quinolinyl)amino]carbonyl]amino]-2-(4-methoxyphenoxy)-, methyl ester (9CI) (CA INDEX NAME)

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PAGE 2-A



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT